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6:30 p.m. Early Registration and Welcome Reception  
Sponsored By Zhone Technologies

**Monday, May 1, 2006**

8:00 a.m. Welcome and Housekeeping  
Charles Watts, President of ACE  
Communications Engineers, Inc.

*The presentations in the Broadband session will update participants on the latest DSL innovations including the move to ADSL2 for video. Data transport over an hybrid fiber coaxial network will be discussed along with various FTTH architectures & equipment. Wave division multiplexing deployment strategies for CWDM & DWDM will be reviewed, and time will be spent sharing information on other types of data transport systems such as powerline carrier and resilient packet rings.*

8:50 a.m. Transmission Over Hybrid Fiber Coax  
Chaz Calhoun, Mid-State Consultants, Inc.

9:50 a.m. Morning Break – **Sponsored by Tekelec**

10:50 a.m. High Bit Rate Transmission Over Fiber  
Rob Cook, Monte R. Lee & Company

12:00 p.m. Lunch  
Sponsored by Nortel Networks

1:00 p.m. **Wireless Session Opening Remarks**  
Rick Overman, Topic Moderator  
CHR Solutions, Inc.

1:05 p.m. Next Generation Mobile Wireless  
Mike McGannon, Engineering Associates, Inc.

2:00 p.m. Wireless Customer Devices  
Russ Hamilton, CHR Solutions, Inc.

2:50 p.m. Vendor Breakout Sessions  
(Running simultaneously for 25 minutes in breakout rooms)  
**Microsoft/Alcatel and Innovative Systems**

3:45 p.m. What's Coming Down the Road?  
Tom Fulton, Fulton Engineering, Inc.

4:15 p.m. Wireless Q & A

4:35 p.m.      Recess for the Day

6:00 p.m. Hospitality Suite  
Sponsored by Microsoft & Alcatel

7:30 p.m. Dinner on your own

7:15 a.m. Continental Breakfast and Registration  
**Sponsored by Innovative Systems**

8:00 a.m.	<b>Video Session Opening Remarks</b> Tom Harter, Topic Moderator Engineering Associates, Inc.
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8:10 a.m. RF Versus IP  
Jerry Neal, Engineering Associates, Inc.

9:50 a.m. Morning Break  
Sponsored by Calix

10:45 a.m. Compression Standards  
Steve Senne, Finley Engineering Company

12:00 p.m. Lunch  
Sponsored by NRTC

1:00 p.m. Telecom Program Update  
Jon Claffey

2:30 p.m. Vendor Breakout Sessions  
(Running simultaneously for 25 minutes in breakout rooms)  
**Metaswitch and Cisco Systems**

4:15 p.m. Standards/Listing Developments  
Norberto Esteves

(Schedule continues on back)

Company Name: \_\_\_\_\_

Company Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

Contact Email Address: \_\_\_\_\_

Name(s) of Attendees

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Number of Attendees \_\_\_\_\_ X \$350.00 = Amount Enclosed \_\_\_\_\_

**Please make checks payable to Association of Communication Engineers**

ASSOCIATION OF COMMUNICATION ENGINEERS  
c/o MID-STATE CONSULTANTS, INC.  
P. O. BOX 311  
NEPHI, UT 84648

ASSOCIATION OF COMMUNICATION ENGINEERS  
c/o MID-STATE CONSULTANTS, INC.  
ATTN: SUSAN CREEK  
P. O. BOX 311  
NEPHI, UT 84648

5:00 p.m. Recess for Day  
Dinner on your own

**Wednesday, May 3, 2006**

7:15 a.m. Continental Breakfast and Registration  
**Sponsored by CopperCom**

7:30 a.m. Early Bird Vendor Presentations  
*(Running simultaneously for 25 minutes in breakout rooms)*  
**Nortel Networks and Allied Telesyn**

8:00 a.m. Broadband Program News  
Ken Kuchno

9:00 a.m. Broadband Engineering Update  
Farwa Naqvi

9:30 a.m. Telecom Loan Program Trends  
Ken Chandler and Jerry Brent

9:45 a.m. The Loan Application Process  
Stan Wastowicz and Roland Woodfolk

10:00 a.m. Morning Break  
**Sponsored by Symmetricom**

10:10 a.m. Vendor Breakout Session  
*(Running simultaneously for 25 minutes in breakout rooms)*  
**Symmetricom and AFL Telecommunications**

10:40 a.m. Telecom Engineering Update  
Regulation and Construction Contracts Revisions  
Peter Aimable and Aylene Mafnas

11:40 a.m. RUS Session Wrap-Up  
Ed Cameron

12:00 p.m. Grand Prize Drawing and Adjourn

**LOCATION**

The seminar will be held at the Marriott Memphis Downtown, 250 N. Main Street, Memphis, Tennessee. Each attendee should arrange their own hotel accommodations by calling Marriott Reservations at (800) 228-9290 or (901) 527-7300. Please indicate you will be attending the ACE School when making your reservation to receive the negotiated room rate of \$119. Reservations must be made by **April 17, 2006** the “Cut-Off Date” to ensure getting this special rate.

**COST AND MEALS**

The seminar fee is \$350 per attendee which includes all of the receptions and the meals shown on the brochure except for those shown as “on your own”, entrance to the seminar, and copies of materials presented at the seminar along with a 3-ring binder for assembling the material. Attendees will be responsible for room and associated charges.

**SEMINAR OVERVIEW**

This seminar is intended to provide an update on technology segments vital to the future of Telecommunications Service Providers. The topics chosen for presentation include Broadband, Wireless, and Video Communications. The Rural Development Telecommunications Program is also presenting two half-day sessions in conjunction with the ACE technology topics. Interspersed throughout the entire seminar are numerous vendor specific presentations that are offered in a dual-track format allowing for additional choices to customize the session.

ASSOCIATION OF  
COMMUNICATION ENGINEERS (ACE)

ACRS 2000 Corp., Inc.  
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The Association of



Communication  
Engineers

in conjunction  
with the

USDA Rural  
Development  
Telecommunications  
Program

are pleased to present

Telecom Trends,  
Strategies & Blue  
Suede in Memphis



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April 30 – May 3, 2006  
Marriott Memphis Downtown  
Memphis, Tennessee